

## EAST Search History

| Ref # | Hits     | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|----------|--|--|------------------|---------|------------------|
| L4    | 392      | (electronic near shutter) same (benefit or advantage)          | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/12/15 10:30 |
| L5    | 5        | (electronic near shutter) same (benefit or advantage) same MOS | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/12/15 10:31 |
| L8    | 23       | (348/296.ccls.) and (DSP)                                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/12/15 10:38 |
| L9    | 23036340 | (@ad<="20020917")  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/12/15 10:38 |
| L10   | 17       | L8 and L9  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/12/15 10:38 |
| L11   | 13       | L8 and L9 and (electronic near shutter)                        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/12/15 10:43 |
| S1    | 2        | "20040201732"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/12/13 12:12 |
| S2    | 3        | (Kasuga-Shigetaka.IN.) and (Matsunaga-Yoshiyuki.IN.)           | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/12/13 12:34 |

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| S3  | 2  | (Kasuga-Shigetaka.IN.) and (Inokuma-Kazuyuki.IN.)    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 12:18 |
| S4  | 4  | "6366321"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 12:19 |
| S5  | 37 | "4631400"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 12:20 |
| S6  | 1  | (Inokuma-Kazuyuki.IN.) and (Matsunaga-Yoshiyuki.IN.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 12:34 |
| S7  | 54 | (Kasuga-Shigetaka.IN.)                               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 12:34 |
| S8  | 10 | (Kasuga-Shigetaka.IN.) and nMOS                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 12:37 |
| S9  | 1  | 6844619B2  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 12:37 |
| S10 | 93 | "5345266"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 12:38 |

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|-----|-----|--|---|----|----|------------------|
| S11 | 8   | "6521881"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 13:26 |
| S12 | 958 | (348/308.ccls.)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 13:27 |
| S13 | 43  | (348/308.ccls.) and (DSP)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 13:30 |
| S14 | 10  | (348/308.ccls.) and (DSP) and (nMOS or (n near Mos)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 13:40 |
| S15 | 160 | (348/230.1.ccls.)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 13:40 |
| S16 | 15  | (348/230.1.ccls.) and (DSP)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 13:44 |
| S17 | 55  | (348/294.ccls.) and (DSP)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 14:05 |
| S18 | 23  | (348/296.ccls.) and (DSP)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/15 10:38 |

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|-----|-----|--|---|----|----|------------------|
| S19 | 5   | (DSP near chip) and ("348".clas.) and (nMOS or (n near mos))           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 14:13 |
| S20 | 92  | (DSP near chip) and (nMOS or (n near mos))                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 14:14 |
| S21 | 131 | (DSP near3 chip) and (nMOS or (n near mos))                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 15:40 |
| S22 | 94  | (DSP near3 chip) and (nMOS or (n near mos)) and (tim\$4 near5 circuit) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 15:41 |
| S23 | 94  | (DSP near3 chip) and (nMOS or (n near mos)) and (tim\$4 near5 circuit) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 15:54 |
| S24 | 11  | (DSP near3 chip) and (electronic near3 shutter)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 17:08 |
| S25 | 3   | "6975351"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/14 11:39 |
| S26 | 6   | "6801251"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 17:09 |

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|     |          |  |  |    |    |                  |
|-----|----------|--|--|----|----|------------------|
| S27 | 8        | (US-20010050713-\$ or US-20010040631-\$ or US-20040051800-\$ or US-20050286287-\$).did. or (US-6366321-\$ or US-7129985-\$ or US-6483541-\$ or US-6985181-\$).did. | US-PGPUB; USPAT                                    | OR | ON | 2006/12/13 17:22 |
| S28 | 3        | S27 and (nMOS or (n near mos)) and CMOS  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 17:32 |
| S29 | 955      | (CMOS near5 transistor) and DSP  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 17:24 |
| S30 | 136      | (CMOS near5 transistor) and (DSP same ((tim\$4 near4 generat\$4) or (clock)))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 17:26 |
| S31 | 136      | (CMOS near5 transistor) and (DSP same ((tim\$4 near4 generat\$4) or (clock)))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 17:26 |
| S32 | 23036330 | (@ad<="20020917")  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 17:27 |
| S33 | 89       | S32 and S31  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 17:27 |
| S34 | 3        | S27 and (nMOS or (n near mos))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/13 17:32 |

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|-----|----------|---|---|----|----|------------------|
| S35 | 24719    | (transistor with oxide with substrate)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/14 11:40 |
| S36 | 4268     | (transistor with oxide with substrate) and (ion with implant\$4 with substrate)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/14 11:41 |
| S37 | 23036340 | (@ad<="20020917")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/14 11:41 |
| S38 | 3034     | (transistor with oxide with substrate) and (ion with implant\$4 with substrate) and S37   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/14 11:43 |
| S39 | 749      | (transistor with oxide with substrate with surface) and (ion with implant\$4 with substrate with surface) and S37   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/14 11:53 |
| S40 | 0        | (transistor with oxide with substrate with surface) and (ion with implant\$4 with substrate with surface) and S37 and ("348".clas.)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/14 11:46 |
| S41 | 177      | (transistor with oxide with substrate with surface) and (ion with implant\$4 with substrate with surface) and S37 and (nmos or (n near mos))                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/14 13:38 |
| S42 | 27       | (transistor with oxide with substrate with surface) and (ion with isolat\$4 with implant\$4 with substrate with surface) and S37 and (nmos or (n near mos)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/15 10:30 |

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|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| S43 | 12 | (US-20040051800-\$ or<br>US-20010050713-\$ or<br>US-20010040631-\$ or<br>US-20050286287-\$ or<br>US-20010019155-\$).did. or<br>(US-6366321-\$ or US-7129985-\$<br>or US-6483541-\$ or US-6985181-\$<br>or US-6975351-\$ or US-6916714-\$<br>or US-6632723-\$).did. | US-PGPUB;<br>USPAT  | OR | ON | 2006/12/14 15:53 |
| S44 | 6  | S43 and (nmos or (n near mos))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/14 16:23 |
| S45 | 1  | S43 and (electronic near3 shutter)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/14 16:23 |